

Title (en)

METHOD AND SYSTEM FOR IDENTIFYING THE GRAM TYPE OF A BACTERIUM

Title (de)

VERFAHREN UND SYSTEM ZUR IDENTIFIZIERUNG DES GRAMTYPUS EINER BAKTERIE

Title (fr)

PROCEDE ET SYSTEME D'IDENTIFICATION DU TYPE DE GRAM D'UNE BACTERIE

Publication

EP 3257947 A1 20171220 (FR)

Application

EP 16174717 A 20160616

Priority

EP 16174717 A 20160616

Abstract (en)

[origin: WO2017216190A1] A detection of the Gram type of a bacterial strain comprises: illumination, in the wavelength range 415 nm- 440 nm, of at least one bacterium from said strain having a natural electromagnetic response in said range; acquisition, in the range 415 nm- 440 nm, of a light intensity reflected by, or transmitted through, said illuminated bacterium; and determining the Gram type of the bacterial strain as a function of the light intensity acquired in the range 415 nm- 440 nm.

Abstract (fr)

Une détection du type de Gram d'une souche bactérienne, comprenant : - l'éclairage dans la gamme de longueurs d'onde 415nm-440nm d'au moins une bactérie de ladite souche ayant une réponse électromagnétique naturelle dans ladite gamme; - l'acquisition, dans la gamme 415nm-440nm, d'une intensité lumineuse réfléchie par, ou transmise au travers de, ladite bactérie éclairée; et - la détermination du type de Gram de la souche bactérienne en fonction de l'intensité lumineuse acquise dans la gamme 415nm-440nm.

IPC 8 full level

C12Q 1/04 (2006.01)

CPC (source: EP US)

C12Q 1/04 (2013.01 - EP US); **G01N 21/01** (2013.01 - US); **G01N 21/25** (2013.01 - US); **G01N 2021/174** (2013.01 - US)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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